

Product datasheet for **TP307581L**

MINPP1 (NM_004897) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human multiple inositol polyphosphate histidine phosphatase, 1 (MINPP1), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC207581 representing NM_004897 Red =Cloning site Green =Tags(s) |

MLRAPGCLLRTSVAPAAALAAALLSSLARCSLLEPRDPVASSLSPYFGTKTRYEDVNPVLLSGPEAPWRD
PELEGTCTPVQLVALIRHGTRYPTVKQIRKLRQLHGLLQARGSRDGGASSTGSRDLGAALADWPLWYAD
WMDGQLVEKGRQDMRQLALRLASLFPALFSRENYGRLRLITSSKHRCMDSSAAFQGLWQHYPGLPPPD
VADMEFGPPTVNDKLMRFFDHCEKFLTEVEKNATALYHVEAFKTPPEMQNILKKVAATLQVPVNDLNADL
IQVAFFTCFSLAIKGVKSPWCDVFDIDDAKVLEYLNDLKQYWKRGYGTINSRSSCTLFQDIFQHLDKA
VEQKQRSQPISSPVILQFGHAETLLPLLMLMGYFKDKEPLTAYNYKKQMHRKFRSGLIVPYASNLIFVLY
HCENAKTPKEQFRVQMLLNEKVLPLAYSQETVSFYEDLKNHYKDILQSCQTSEECELARANSTSEDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|-----------------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 54.9 kDa |
| Concentration: | >0.1 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |



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RefSeq: [NP_004888](#)

Locus ID: 9562

UniProt ID: [Q9UNW1](#)

RefSeq Size: 2412

Cytogenetics: 10q23.2

RefSeq ORF: 1461

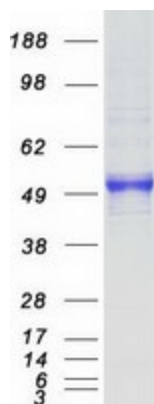
Synonyms: HIPER1; MINPP2; MIPP

Summary: This gene encodes multiple inositol polyphosphate phosphatase; an enzyme that removes 3-phosphate from inositol phosphate substrates. It is the only enzyme known to hydrolyze inositol pentakisphosphate and inositol hexakisphosphate. This enzyme also converts 2,3-bisphosphoglycerate (2,3-BPG) to 2-phosphoglycerate; an activity formerly thought to be exclusive to 2,3-BPG synthase/2-phosphatase (BPGM) in the Rapoport-Luebering shunt of the glycolytic pathway.[provided by RefSeq, Sep 2009]

Protein Families: Druggable Genome

Protein Pathways: Inositol phosphate metabolism

Product images:



Coomassie blue staining of purified MINPP1 protein (Cat# [TP307581]). The protein was produced from HEK293T cells transfected with MINPP1 cDNA clone (Cat# [RC207581]) using MegaTran 2.0 (Cat# [TT210002]).